

New Records of Two Species of *Platambus optatus* Species-group (Coleoptera, Dytiscidae) from Hokkaido, Japan

Ryohei OKADA

Laboratory of Marine Biology and Biodiversity (Systematic Ichthyology),
Graduate School of Fisheries Sciences, Hokkaido University, 3-1-1
Minato-chô, Hakodate, Hokkaido, 041-8611 Japan

Platambus optatus species-group was redefined by NILSSON (1996) and four species, *P. ikedai*, *P. optatus*, *P. stygius* and *P. insolitus* have been recorded from Japan (NILSSON, 2003). Up to the present, only *P. stygius* has been known from Hokkaido (MORI & KITAYAMA, 2002). Recently, I found two species of this species-group, *P. ikedai* and *P. optatus*, from Oshima Peninsula, southwestern Hokkaido, Japan. In this paper, I record them for the first time from Hokkaido.

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Platambus ikedai (NILSSON, 1996)

(Fig. 1)

Agabus sp.: IKEDA, 1994, 38 [Mt. Chôkai].

Agabus ikedai: NILSSON, 1997, 684 [type locality: Mt. Chôkai, Honshu, Japan].

Platambus ikedai: NILSSON, 2000, 34.

Specimens examined. [Hokkaido] 1 ♂, 1 ♀, Zendana, Kaminokuni-chô, 28-IV-2007; 8 ♂♂, 3 ♀♀, same locality, 12-IX-2009; 1 ♂, 1 ♀, Yunotai, Kaminokuni-chô, 21-X-2007; 2 ♀♀, Himekawa, Otobe-chô, 29-IV-2008; 1 ♂, 1 ♀, Marunuma, Shikabe-chô, 13-VII-2008; 3 ♂♂, Ônuma, Shikabe-chô, 31-V-2009; 9 ♂♂, 11 ♀♀, same locality, 4-IX-2009. All specimens are collected by R. OKADA.

Distribution. Japan: Hokkaido (new record), Honshu (Mt. Chôkai).

Notes. Diagnosis of this species by NILSSON (1996) is that the median lobe with slight subapical constriction and without or with less than two ventrodistal spiniform setae. In the specimens from Hokkaido, however, the median lobes of male genitalia are more weak subapical constriction and no setae.

Platambus optatus (SHARP, 1884)

(Fig. 2)

Agabus optatus SHARP, 1884, 445 [type locality: Kishu, Honshu, Japan]; NILSSON, 1996, 635



Figs. 1–2. Median lobes of male genitalia of *Platambus* spp. in lateral view. — 1, *Platambus ikedai* from Ônuma, Shikabe-chô; 2, *Platambus optatus* from Yabuchi, Setana-chô. Scale: 0.5 mm.

[Honshu, Kyushu, Shikoku].

Platambus optatus: NILSSON, 2000, 34; KINO & HASEGAWA, 2001, 24 [Hachijô Is.]; NILSSON, 2003, 268 [Fujian and Jiangxi, China].

Specimens examined. [Hokkaido] 2 ♂♂, Uriya, Kikonai-chô, 28–IV–2007; 1 ♀, Tomisato, Assabu-chô, 19–VII–2007; 1 ♂, 1 ♀, Yunotai, Kaminokuni-chô, 21–X–2007; 2 ♂♂, 2 ♀♀, Katsuraoka, Kaminokuni-chô, 12–IX–2009; 1 ♂, 1 ♀, Yabuchi, Setana-chô, 26–IX–2009. All specimens are collected by R. OKADA.

Distribution. Japan: Hokkaido (new record), Honshu, Kyushu, Shikoku, Hachijô Is.; China: Fujian, Jiangxi.

Notes. This species shows geographical variation (NILSSON, 1996). The above specimens have a relatively slender median lobe in lateral view, and its feature is similar to those from Honshu (NILSSON, 1996: Fig. 20).

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